### JC03 Rec'd PCT/PTO 1 1 APR 2005

PTO-1390 (Rev. 12-2004)

Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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### TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

ATTORNEY'S DOCKET NUMBER 576P072

CON	CERNING A SUBMISSIO	10/530981								
	IONAL APPLICATION NO. /JP2003/013085	INTERNATIONAL FILING DATE 10 October 2003	PRIORITY DATE CLAIMED 15 October 2002							
PROCES	TITLE OF INVENTION PROCESS FOR THE PRODUCTION OF SULFOALKYL-CONTAINING POLYMERS									
APPLICANT(S) FOR DO/EO/US Masahiro Hamada, Hiroki Hotta, Jun Iwabuchi, Shogo Kawakami, Takemichi Yamasaki and Hisabumi Kobayashi										
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:										
1. 🗓 1	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.									
2. 🗆 т	his is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.									
	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.									
4. 🗓 1	The US has been elected (Article 31).									
5. X	A copy of the International Application as filed (35 U.S.C. 371(c)(2))									
	a. is attached hereto (required only if not communicated by the International Bureau).									
	b. X has been communicated by the International Bureau.									
	c. is not required, as the application was filed in the United States Receiving Office (RO/US).									
6. X	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).									
	a. X is attached hereto.									
	b. has been previously submit	ted under 35 U.S.C. 154(d)(4).								
7. X	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))									
	a. are attached hereto (required only if not communicated by the International Bureau).									
	b. have been communicated	by the International Bureau.								
	c. have not been made; howe	c. have not been made; however, the time limit for making such amendments has NOT expired.								
	d. X have not been made and v	vill not be made.								
8. 🔲	An English language translation of th	e amendments to the claims under PCT Art	icle 19 (35 U.S.C. 371(c)(3)).							
9. X	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).									
10.	An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).	e annexes of the International Preliminary E	xamination Report under PCT							
Items	11 to 20 below concern document(s	) or information included:								
11. 🔲	An Information Disclosure Statement	under 37 CFR 1.97 and 1.98.								
12. X	An assignment document for recording	g. A separate cover sheet in compliance wi	th 37 CFR 3.28 and 3.31 is included.							
13. 🔲	A preliminary amendment.									
14.	An Application Data Sheet under 37 CFR 1.76.									
15.	A substitute specification.									
16. 🔲	A power of attorney and/or change of	address letter.								
17.	A computer-readable form of the sequence	uence listing in accordance with PCT Rule 1	3ter.2 and 37 CFR 1.821- 1.825.							
18.	A second copy of the published Interr	national Application under 35 U.S.C. 154(d)	(4).							
19.		ge translation of the international application								
20.	1. Copy of the International Search Report 2. Copy of Forms PCT/IB/304 * 308									

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Page 1 of 2

# JC13 Rec'd PCT/PTO 11 APR 2005

PTO-1390 (Rev. 12-2004)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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U.S. APPLICATION NO. (if known, see 37 CER 1.5) INTERNATIONAL APPLICATION NO.						ATTORNEY'S DOCKET NUMBER				
		<u>981</u>	PCT/JP2	2003/0130	)85 	576P072				
l	ring fees are submitted:					Applicant use	Office use only			
	ational fee					\$				
X b) Examin	nation fee	,		•••••	\$200.00	\$				
X c) Search f	fee	•••••	••••••		\$500.00	\$				
	TOTAL OF ABOVE CAL	LCULATION	IS =		\$1000.00	\$ 1,000.00				
listing or co	fee for specification and domputer program listing file 50 sheets of paper or fract	-								
Total Sheets	Extra sheets		umber of each additional 50 or fraction thereof (round up to a whole number)		RATE					
- 100 =					x \$250.00	\$ <del>-</del>				
Surcharge of \$13 claimed priority of	<b>30.00</b> for furnishing the oadate (37 CFR 1.492(e)).		ation later than 30 m	nonths from the	earliest	\$_				
CLAIMS	NUMBER FIL	_ED	NUMBER EXTR	А	RATE	\$				
Total claims	7	- 20 =	0	х	\$50.00	<b>\$</b> 0				
Independent clai	<u> </u>	- 3 =	0	х	\$200.00	\$ 0				
MULTIPLE DEP	PENDENT CLAIM(S) (if ap	plicable)		+	\$360.00	\$ 360.00				
		250		ABOVE CALC		\$ 1,360.00				
Applicant c by ½.	claims small entity status.	See 37 CFR	1.27. The fees indic	cated above ar	re reduced	\$ _				
					SUBTOTAL =	\$ 1,360.00				
	of <b>\$130.00</b> for furnishing the date (37 CFR 1.492(f)).	ne English tra	anslation later than	30 months fron	n the earliest +	\$ <b>-</b>				
<u></u>				<del></del>	ONAL FEE =	\$ 1,360.00				
	g the enclosed assignmente cover sheet (37 CFR 3			nent must be a	ccompanied +	\$ 40.00				
			T	OTAL FEES E	NCLOSED =	\$ 1,400.00				
				Amount to	be refunded:		\$			
			<u></u>	Amount to	o be charged		\$			
a. X A chec	ck in the amount of $\$ rac{1}{2}$ , $rac{3}{2}$	360.00 8	₹ \$40. to cover	r the above fee	s is enclosed.					
b. Please charge my Deposit Account No in the amount of \$ to cover the above fees.  A duplicate copy of this sheet is enclosed.										
c. X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0930. A duplicate copy of this sheet is enclosed.										
d. Fees ar										
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.										
_										
SEND ALL CORRESPONDENCE TO: CUSTOMER NO: 42754  Nields & Lemack						<b>O</b>				
176 E. Main Street - Suite 7 SMATURE										
Westb	Westboro, MA 01581 Kevin			Kevin	S. Lemack					
	NAME									
32,579						<del></del>				
			,		REGISTRATIO	ON NOWBER				

**Applicant** 

Masahiro Hamada et al.

Serial No.

Not yet assigned (PCT/US2003/013085)

Filed

Herewith By Express Mail (10 October 2003)

For

PROCESS FOR THE PRODUCTION OF SULFOALKYL-

**CONTAINING POLYMERS** 

Examiner

Not yet assigned

Art Unit

Not yet assigned

Attorney

Docket No.

576P072

Type of paper

Copy of the Notification Concerning Submission or Transmittal of

**Priority Document (Form PCT/IB/304)** 

"EXPRESS MAIL" MAILING LABEL NO ED 114679055 US
DATE OF DEPOSIT: April 11, 2005

I hereby certify that this patent application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Mail Stop: PCT, Alexandria, VA 22313-1450.

**Ann Marie Mahan** 

Name of person prailing paper or se

**Applicant** 

Masahiro Hamada et al.

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**Executed Declaration** 

"EXPRESS MAIL" MAILING LABEL NO ED 114679055 US DATE OF DEPOSIT: April 11, 2005

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Assignment

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### JC13 Rec'd PCT/PTO 11 APR 2009

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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**Recording Fee** 

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Art Unit

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Docket No.

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Type of paper

Copy of the Notice Informing the Applicants of the

Communication of the International Application to the Designated

Offices (Form PCT/IB/308)

## "EXPRESS MAIL" MAILING LABEL NO ED 114679055 US DATE OF DEPOSIT: April 11, 2005

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Applicant

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Examiner

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Art Unit

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Attorney

Docket No.

576P072

Type of paper

Copy of the International Search Report

"EXPRESS MAIL" MAILING LABEL NO ED 114679055 US

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Letter

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Ann Marie Mahan

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10/530981 JC13 APR 2005

Attorney Docket No. 576P072

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Masahiro Hamada, Hiroki Hotta, Jun Iwabuchi, Shogo Kawakami,

Takemichi Yamasaki and Hisabumi Kobayashi

For:

PROCESS FOR THE PRODUCTION OF SULFOALKYL-CONTAINING

**POLYMERS** 

Mail Stop: PCT

Commissioner For Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

LETTER

The above-identified applicants enclose for filing the national phase of a PCT patent application (PCT/JP2003/013085) entitled "PROCESS FOR THE PRODUCTION OF SULFOALKYL-CONTAINING POLYMERS". Said attached PCT patent application includes (1) Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371 (2-Pages); (2) Translation of the International Application into English: 27-Page Specification (including 3-Pages of Claims (7) and 1-Page Abstract); (3) Executed Declaration (4-Pages); (4) Check in the amount of \$1,360.00 in payment of the Filing Fee; (5) Copy of the International Search Report (1-page); (6) Recordation Form Cover Sheet (1-Page), Assignment (4-Pages); (7) Check in the amount of \$40.00 in payment of the Recording Fee; (8) Copy of the Notice Informing the Applicant of the Communication of the International Application to the Designated Offices (Form PCT/IB/308)(1-Page) and (9) Copy of the Notification Concerning Submission of Priority Document (Form PCT/IB/304)(1-Page).

All correspondence concerning this application should be mailed to: CUSTOMER NO: 42754

Kevin S. Lemack Nields & Lemack 176 E. Main Street - Suite 7 Westboro, Massachusetts 01581

Respectfully submitted,

Kevin S. Lemack Attorney for Applicant Registration No. 32,579

Date: \_\_April 11, 2005

EXPRESS MAIL NO: ED 114679055 US

## JC13 Rec'd PCT/PTO 11 APR 2009

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**Applicant** 

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Transmittal Letter To The United States Designated/Elected

Office (DO/EO/US) Concerning A Submission Under 35 U.S.C.

371

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Art Unit

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Translation of the International Application into English

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